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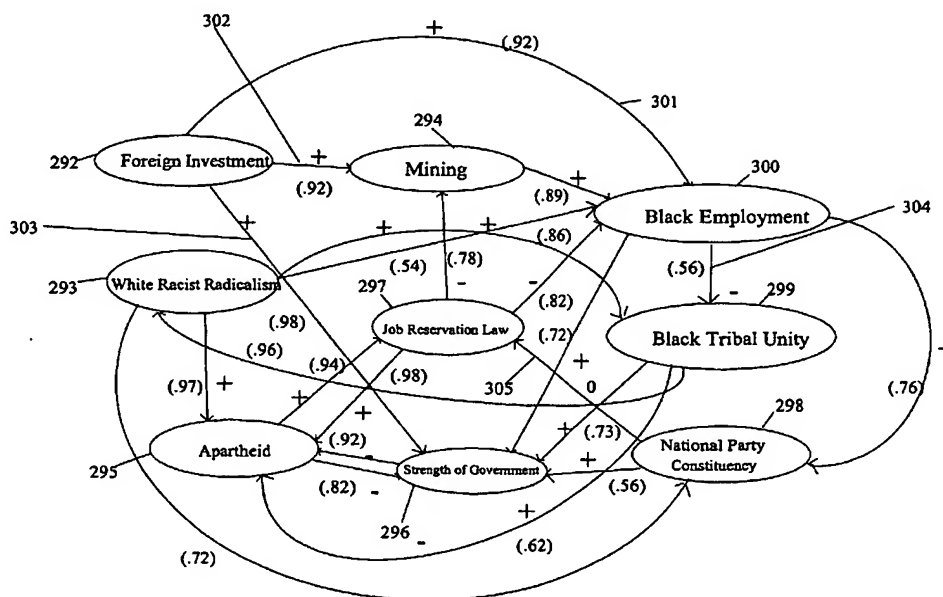
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(54) Title: A PROCESS FOR THE CREATION OF FUZZY COGNITIVE MAPS FROM MONTE CARLO SIMULATION GENERATED META MODEL



(57) Abstract: A process for the computer creation of fuzzy cognitive maps (see Fig. 7) that are used to explore causal relationships (302) between a group of factors and a phenomenon. These fuzzy cognitive maps are constructed using the data derived from Expanded Meta Models (25). These Expanded Meta Models are generated from Monte Carlo simulations that supply the factors under investigation with values, then by incrementing or decrementing these factor values one can generated an Expanded Meta Model (25).

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/33747

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06N 7/02

US CL : 706/001

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 706/001, 2, 3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST, IBEE, ACM, Internet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,805,461 A (FANT et al.) 08 September 1998, column 11, lines 24-40.	1-6
A	US 6,047,221 A (PICHE et al) 04 April 2000, column 4, lines 1-55	1-6

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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